	<b>Work Order ID 59243</b> Friday, May 28, 2010 9:51:47 AM												Page 1
Item ID: Revision ID:	D3697-041		-		Accept					Setup	Start		
	Tube Assemble 5/27/2010 6/4/2010	Start Qty Req'd Qt		1 <b>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </b>		Cust Item 1 Customer:	ID:				Stop		
Approvals:	Process Pla	ın:	/	Date:/ <u>6-5-</u> 2	Tooling: SPC (Y/N):		ate:			Run	Start Stop		
Sequence ID/ Work Center ID	)	Operation Descriptio			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Rev	ision Nbr											*
D3697	Rev	В											
Small Fab		1	Memo - cut at 6 using DT9	.00" as per dwg D3697□2- 003□3-deburr	0.00 0.00 form and trim tube as pe	er dwg D3697			E		10-	-6-16	<u> </u>
QC Quality Control			part com <sub>l</sub>	pleteness to step on W/O	0.00	sulu			(3)				
120		Pick Kit			0.00				IJ		. د	-11	
Packaging		N	<b>Aem</b> o		0.00				A	-60	2-6-	/6	(25)

Packaging

....

Dart	<b>Aeros</b>	pace	Ltd
------	--------------	------	-----

W/O:			WC	ORK ORDER CHANG	ES			
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No <b>DQA</b> :	Date:	
		esolution:						
NCR:		T		ER NON-CONFORMA				
DATE	STEP	Description of NC		Corrective Action Section		Verification	Approval Chief Eng	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector
					,			
								•
			· .					
			·					

Work Order ID 5924
--------------------

Friday, May 28, 2010 9:51:47 AM



Page 2

Item ID:

D3697-041

Accept

Accept

Qty

Setup Start

Stop



**Revision ID:** 

**Start Date:** 

Item Name: Tube Assembly

Required Date: 6/4/2010

5/27/2010

Start Qty: 3.00

Req'd Qty: 3.00



**Cust Item ID:** 

**Customer:** 

Tool ID

Reference:

Process Plan: Date:

Tooling:

Date:

Run

Start



Approvals:

QC: \_\_\_\_

Date:\_\_\_\_\_ SPC (Y/N):

Date:

Tool # Plan

Code

Stop

Reject

PL 10-6-16

Oty



Number Stamp

Insp.

X3

Reject

Sequence ID/ **Work Center ID** 

130

Large Fab

Large Fab

Operation Description

Large Fab

Set Up/ **Run Hours** 

0.00

Memo

0.00

1-weld D3697-3/-4 and D3797-1 on tube D3697-1 as per dwg D3697 using DT9003 welding jig□2-drill holes in tube in pls as per dwg D3697

140

QC

Quality Control

QC9- Inspect visual per OSI004- Fusion Welds

0.00

0.00

D 10.06.17 3

150

QC5- Inspect part completeness to step on W/O

0.00

Memo

Memo

Quality Control

Dart Aerospac	e l	Ltd
---------------	-----	-----

W/O:		WORK ORDER CHANGES											
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date Q	ty Approval Chief Eng / Prod Mgr	Approval QC Inspector					
	i												
<del></del>								1					
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQA: _	Date: _						
					QA: N/C Closed: Date:								
NCR:		V	VORK ORDI	ER NON-CONFORMA	ANCE (NCF	R)							
DATE	STEP	Description of NC			ion B	Verification	n Approval	Approval					
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector					
	9												
		:											
		,											
		L.											
	l		1 1		i	1	1	ľ					

### Work Order ID 59243

Friday, May 28, 2010 9:51:47 AM



Page 3

Item ID:

D3697-041

Accept



Run

Setup Start

Stop

Start



**Revision ID:** 

Tube Assembly Item Name:

Required Date: 6/4/2010

**Start Date:** 

5/27/2010

Start Qty: 3.00

Req'd Qty: 3.00



**Cust Item ID:** 

**Customer:** 

Reference:

Approvals:	Process Plan:	Date:	Tooling:	D:	ate:	-2-2-					
	QC:	Date:	SPC (Y/N):	Date:			Stop				
Sequence ID/ Work Center II	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	
	Chemical Conversion	on Coat per QSI005 4.1	0.00				1	ξ-3		کمر	\
HandFinish	Memo		0.00				<u>_m/\</u>	10	06	17.3	)

170

QC

Quality Control

Hand Finishing

QC3- Inspect Part Finish

0.00

Memo

0.00

D-6-17 (3)

180

Packaging

Packaging

Identify as per dwg & Stock Location: 2 1/1

Memo

0.00

0.00

10-6-175

W/O:			W	ORK ORDI	R CHANC	SES			<del>,</del>		
DATE	STEP	PRO	CEDURE CH	ANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
ļ											
Part No:		PAR #:	Fault Cate	egory:		NCF	R: Yes	No <b>DQ</b>	<b>A</b> :	Date:	
		esolution:									
NCR:		V	VORK ORD	ER NON-C	ONFORM	ANCE	(NCR	)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action S		tion B	Sign &	Verific Secti		Approval Chief Eng	Approval QC Inspector
			Chief Eng	(	hief Eng		Date				

### Work Order ID 59243

Friday, May 28, 2010 9:51:47 AM



Page 4

Item ID:

D3697-041

Accept



Tool # Plan

Code

Setup Start



**Revision ID:** 

Item Name:

Tube Assembly

**Start Date:** Required Date: 6/4/2010

5/27/2010

QC:

Start Qty: 3.00 Req'd Qty: 3.00

Operation

Description

**Cust Item ID:** 

**Customer:** 

**Tool ID** 

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Reject

Qty

Date:\_\_\_\_\_

SPC (Y/N):

Set Up/

Date:\_

Stop

Sequence ID/

Work Center ID

190

Quality Control

Memo

QC21- Final Inspection - Work Order Release

**Run Hours** 

0.00

0.00

Accept

Qty

Start

Stop

Reject Insp. Number Stamp

10-6-18

		•												
W/O:		WORK ORDER CHANGES												
DATE	STEP	PR	OCEDURE CHAI	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
								·						
Part No	•	PAR #:	Fault Cated	jory:	_ NCR: Ye	s No D	No DQA: Date:							
	Res	olution:	Disposition	:	QA: N/C	Closed:		Date:						
NCR:			WORK ORDE	R NON-CONFORM	ANCE (N	CR)								
DATE	STEP	Description of NC	<del></del>		tion B	Ver	ification	Approval	Approval					
		Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Section C		Chief Eng	QC Inspector					
								1						
							<del></del>							
								į						
								:						
								1						

Friday, May 28, 2010 9:51:51 AM

Work Order ID: 59243

Parent Item:

D3697-041

Parent Item Name:

Tube Assembly

Comments:

IPP Rev:A 08-04-25 new issue DD verifyed by:EC IPP Rev:B 08-07-14 revB as per dwg DD verified by:E



Start Date: 5/27/2010

Required Date: 6/4/2010

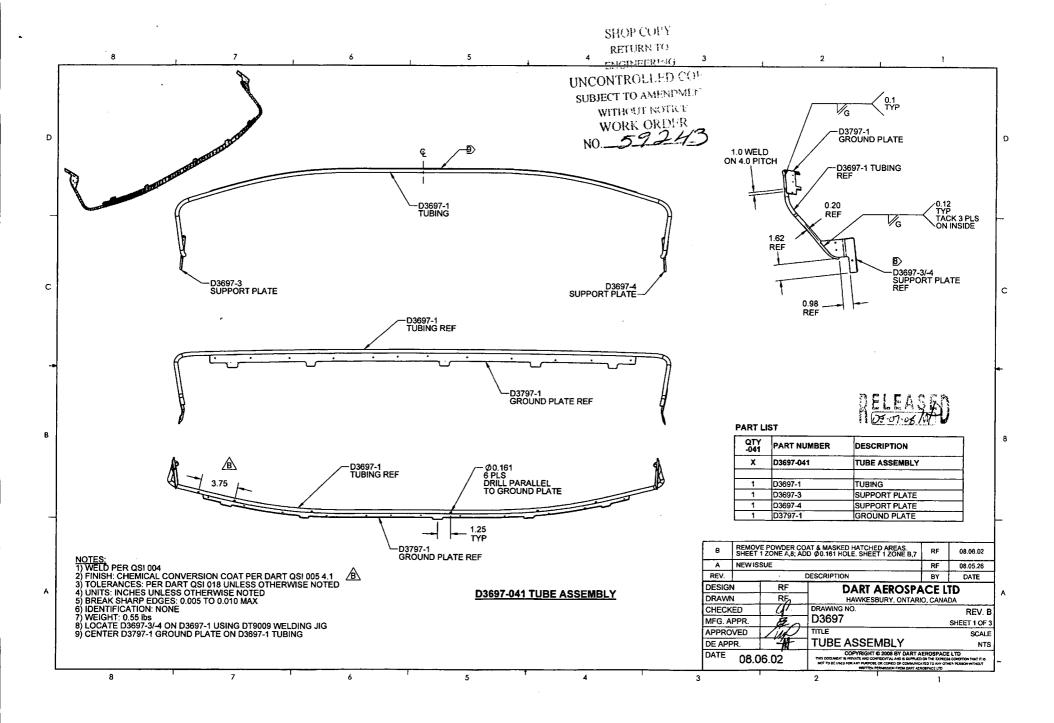
Start Qty: 3.00

36'

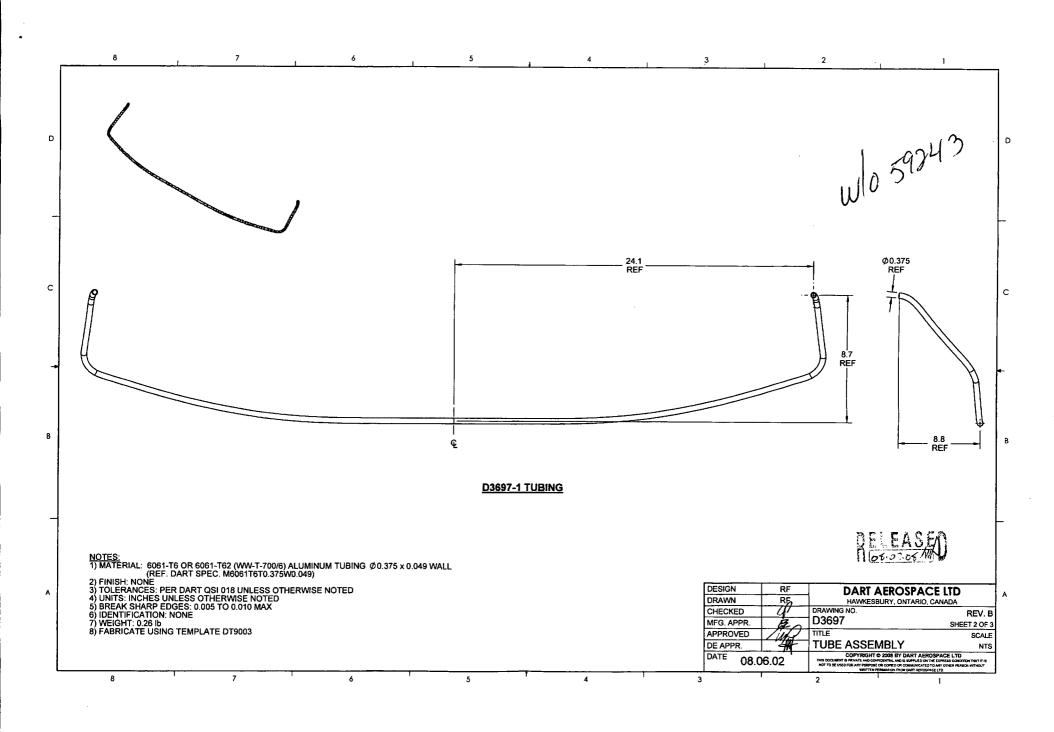
Required Qty: 3.00

IP	P Rev:B 08-07	-14 revB as per	dwg D	D verified by	r:ec						1 (3)	
Component Item ID/ Item Name D3697-4  Support Plate, RH	Replacement Item ID	Mfg/ Purch Manufactured	Bin Item No	Primary Location	Last Location	Route Seq ID 100	Unit of Measure Each	Qty on Hand 2.0000	Qty per Kit	Total Otv 3	Qty Date State Issued	itus
e C				Location	<u>1</u>	Loc	<u>Qty</u>	Loc Code				
USST	1681 X1			WA			2		_			
D3697-3		Manufactured	No		41025	130	2 Each	10.0000		<u>_</u>		
	101	Manufactured	140			130	Eacn	10.0000	( <b>188</b> )) ( <b>88</b> )	3		
Support Plate, LH										PZ	10-6-16	
				Location	<u>1</u>	Loc	<u>Oty</u>	Loc Code				
				ST082			10		_			
D3797-1		<b>N</b> C	3.7-		50386	444	10			3		
	IRI	Manufactured	No			130	Each	4.0000	1 	3		
i IIIIIII IIII IIII	<b>!F8</b> ]									EC	10-6-16	
				Location	!	Loc	<u>Oty</u>	Loc Code				
				ST241A			2					
•					46321		2		_			
				WA	40700		2		_			
M6061T6T0.375W.049		Purchased	No		40688	130	2 f	67 6020	_			
					•	130	1	57.5830	6    <b>    </b>	18.94737		_
1111 111 111 1111 1111 1111 1111 111 1	<b>40</b> iki <b>4410</b> k <b>as</b> ab ikili 3 <b>463</b> ) <b>4</b> W	(								<u> </u>	10-6-15	_
				Location		Loc (	<u>Otv</u>	Loc Code				
				MAT014		57	7.583					
					109000	57	.583			13		

W/O:			W	ORK ORDER CHAN	GES							
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	:	PAR #:	Fault Cate	gory:	NCF	R: Yes No DQA: Date:						
		esolution:										
NCR:		,	WORK ORD	ER NON-CONFORM	IANCE	(NCR	)	<u> </u>				
DATE	STEP	Description of NC			ction B		Verific	ation	Approval	Approval		
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	· · · · · · · · · · · · · · · · · · ·	Sign & Date	gn&  <sub>Section C</sub>		Chief Eng	QC Inspector		
				1		P-14-1						
	ļ								,			

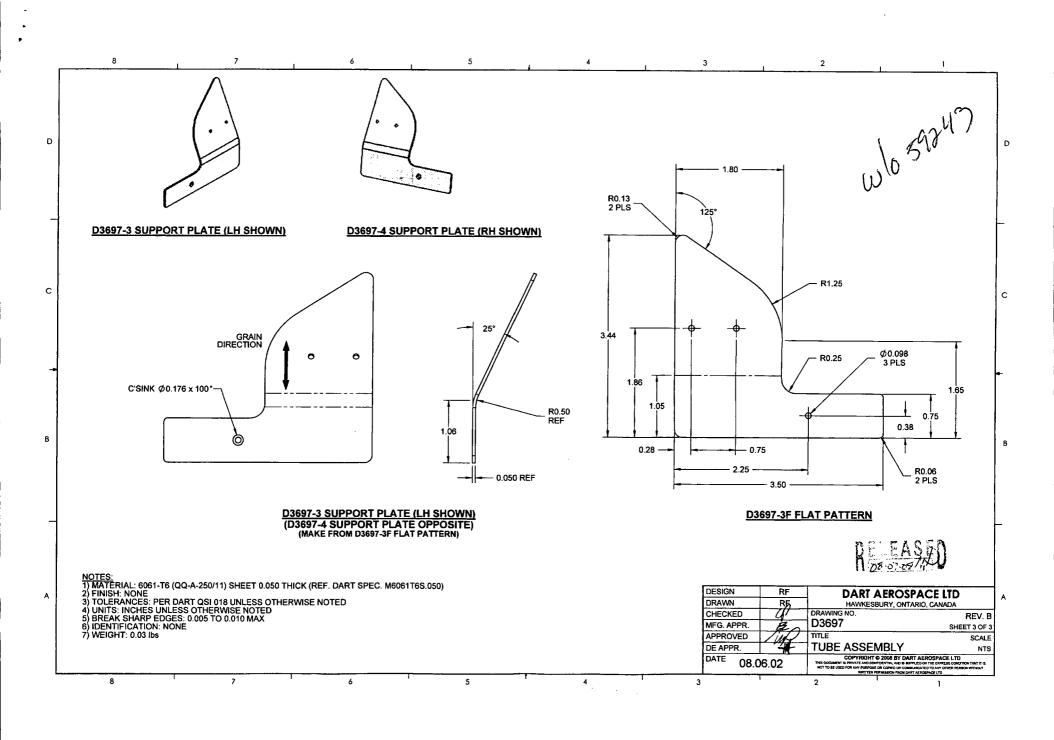


W/O:			W	ORK ORDER CHANG	GES					
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	,	Date	Qty	Approval Chief Eng./ Prod Mgr	Approval QC Inspector
								ļ		
Part No	:	PAR #:	Fault Cate	egory:	NCR: Y	es N	o DQ	A:	Date: _	
		esolution:								
NCR:			WORK ORD	ER NON-CONFORMA	ANCE (N	CR)				
DATE	STEP	Description of NC			ion B		Verific	ation	Approval	Approval
	SIEF	Section A				gn & ate	Section C		Chief Eng	QC Inspector
					:					
-										
							:			



<b>Dart Aeros</b>	pace Ltd
-------------------	----------

W/O:			W	ORK ORDER CHANG	iES				- 4 244 444	
DATE STEP		PROCEDURE CHANGE			E	У	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:								
Resolution:				Disposition: Q				Date:	_ Date:	
NCR:		`	WORK ORE	DER NON-CONFORM	ANCE (I	NCR)				
DATE S	STEP	Description of NC	Corrective Action Section E					ation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Section C	Chief Eng	QC Inspector	
									:	
							111			



Dart	Aeros	pace	Ltd
------	-------	------	-----

	•									
W/O:			W	ORK ORDER CHAN	NGES					
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
							į			
Part No		PAR #:	Fault Cat	egory:	NCR: Ye	s No DO	QA:	Date: _		
Resolution:			Disposition	Disposition: QA			A: N/C Closed: Date			
NCR:		<b>\</b>	WORK ORE	ER NON-CONFOR	MANCE (N	CR)				
DATE	STEP	Description of NC	Corrective Action Section B			Sign & Verification		Approval	Approval QC Inspector	
	Section A		Initial Chief Eng	Action Descriptio Chief Eng	n Sig Da		Section C Chief En			
									,	
		,								